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Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp Lys
                215                 220                 225

Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly
                230                 235                 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met
                245                 250                 255

Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser
                260                 265                 270

His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val
                275                 280                 285

Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn
                290                 295                 300

Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp
                305                 310                 315

Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala
                320                 325                 330

Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
                335                 340                 345

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu
                350                 355                 360

Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe
                365                 370                 375

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro
                380                 385                 390

Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly
                395                 400                 405

Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp
                410                 415                 420

Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu
                425                 430                 435

His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
                440                 445
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What is claimed is:

1. A method for purifying a polypeptide from a composition comprising the polypeptide and a deamidated variant thereof, which method comprises the following steps performed sequentially:

(a) binding the polypeptide and deamidated variant to an ion exchange material using a loading buffer, wherein the loading buffer is at a first conductivity and pH;

(b) washing the ion exchange material with an intermediate buffer at a second conductivity and/or pH so as to elute the deamidated variant from the ion exchange material;

(c) washing the ion exchange material with a wash buffer which is at a third conductivity and/or pH, wherein the change in conductivity and/or pH from the intermediate buffer to the wash buffer is in an opposite

direction to the change in conductivity and/or pH from the loading buffer to the intersediate buffer; and

(d) washing the ion exchange material with an elution buffer at a fourth conductivity and/or pH so as to elute the polypeptide from the ion exchange material.

2. The method of claim **1** wherein the ion exchange material comprises a cation exchange resin.

3. The method of claim **2** wherein the conductivity and/or pH of the intermediate buffer is/are greater than the conductivity and/or pH of the loading buffer and the conductivity and/or pH of the wash buffer is/are less than the conductivity and/or pH of the intermediate buffer.

4. The method of claim **2** wherein the conductivity and/or pH of the elution, buffer is/are greater than the conductivity and/or pH of the intermediate buffer.

5. The method of claim **2** wherein the cation exchange resin comprises sulphopropyl immobilized on agarose.

6. The method of claim **1** wherein the ion exchange material comprises an anion exchange resin.

7. The method of claim **1** wherein the conductivity and/or pH of the wash buffer is/are about the same as the conductivity and/or pH of the loading buffer.

8. The method of claim **1** wherein elution of the deamidated variant and of the polypeptide is achieved by modifying the conductivity of the intermediate buffer and of the elution buffer, respectively.

9. The method of claim **8** herein the pH remains approximately constant for each of steps (a)–(d).

10. The method of claim **8** wherein the conductivity of the intermediate buffer and of the elution buffer is modified by changing the salt concentration therein.